

PassPort® Firmware R06.02.16

Customer Release Notes

NOTE: This release of firmware contains the full functionality of Version R06.02.14 and, in addition, includes the corrections described in Section II of this document. Please refer to the PassPort Firmware R06.02.14 Customer Release Notes (Available on MOL) for details of the enhancements, corrections and known issues as of Version R06.02.14.

The combinations of software in the table below include enhancements in the area of roaming and mobility. These combinations also address several field issues. For further detail, please refer to Sections I and II.

	Radio Firmware	PassPort Firmware	Motorola Customer Programming Software (CPS)	PassPort Customer Programming Software (PPCPS)
HT1250-LS⁺ Portable	R05.03.00 or later	R06.02.16	R06.02.03 or later	R03.02.00
CDM1550-LS⁺ Mobile	R05.02.03 or later	R06.02.16	R06.02.03 or later	R03.02.00

For further information regarding compatibility between the different versions of Radio Firmware, PassPort Firmware, Customer Programming Software and PassPort Customer Programming Software, please refer to the PassPort Software Compatibility document included with the PassPort ServicePak R06.02.16.

For any questions, please contact Customer Resources at 1-800-927-2744.

I. PassPort Firmware R06.02.16 Enhancements

None.

II. PassPort Firmware R06.02.16 Corrections

Item #1: Zero Scan Hang Time

In previous firmware, when Scan Hang Time = 0 seconds, received activity on a Secondary Talkgroup from the Primary Talkgroup would be choppy (Audio dropping in and out). The same would occur when Scan Hang Time = 0 seconds for received activity on a Secondary Talkgroup from a different Secondary Talkgroup with PassPort Group Scan activated.

Received activity would also be choppy when the radio switched between talkgroups with different Companding settings if Scan Hang Time = 0 seconds.

If Scan Hang Time = 0 seconds, and radio was in Phone (Interconnect) mode, pressing and releasing the PTT button would drop the radio out of Phone mode, and into Dispatch mode. If PTT was pressed to initiate a call after getting the dial tone, then the radio would keep switching between Phone and Dispatch modes, whereas if the PTT was pressed and released during an active Phone call, then the radio would drop out of Phone mode only once, and then switch back into Phone mode.

The new firmware helps ensure that the radio correctly receives continuous audio without drops, and that pressing and releasing the PTT button does not drop the radio out of Phone mode.

Item #2: "TASK Unknown" Displayed On Button Press

In previous firmware, certain button presses would display "TASK Unknown" on the LCD accompanied by a Bad Key Chirp indicating it was an invalid button press in that state of the radio.

The new firmware helps ensure that "TASK Unknown" is not displayed on the LCD, but a Bad Key Chirp sounds to indicate an invalid button press.

Item #3: Bad Key Chirp On Button Press

In previous firmware, pressing any of the DTMF buttons (0 ~ 9, * and #) would produce an *extra* Bad Key Chirp if that button press was invalid for the state the radio was in.

The new firmware helps ensure that an *extra* Bad Key Chirp does not sound in the circumstance stated above.

III. PassPort Firmware R06.02.16 Known Issues

Item #1: Keypad Tones Off

Keypad tones cannot be disabled while in PassPort operation.

Item #2: X-Pand™ Front Panel Setting

X-Pand cannot be enabled/disabled via the front panel while in PassPort operation. PPCPS must be used to enable/disable X-Pand.

Item #3: Reacquire Timer On Collect Channel

If during the search pattern, the radio searches the collect channel of the site it was previously registered on, the radio initiates a registration session regardless of the state of the reacquire timer.

Item #4: Zero Second Scan Hang Timer

If the Scan Hang Time is set to 0 seconds, there is approximately a 250 ms window during which the radio remains in scan hang timer.

Item #5: Conventional Auto Scan Prevents PassPort Operation

The radio must not be programmed with Conventional Zones in which Auto Scan is enabled. This configuration prevents PassPort operation.

Item #6: Power On Roam Delay Time

The Power On Roam Delay Time is not supported. The Roam Wait Time determines the amount of time the radio searches the first frequency.

IV. Required Upgrade Tools

A. PassPort Service Pak

The PassPort firmware Service Pak R06.02.16 can be found on **Motorola Online** at <https://businessonline.motorola.com>.

Click on "Resource Center > Software > Two-Way > HT-EX-MTX Portables and CDM Mobiles".

B. Programming/Flashing Equipment

- **AAHLN9742B:** Flash Adapter for both portable HT1250-LS⁺ and mobile CDM1550-LS⁺
- **AARKN4075A:** Portable RIBless Cable
- **AARKN4081B:** Mobile RIBless Cable

***Note:** These accessories are available through Radio Products Services Division (RPSD) – previously known as Accessories and Aftermarket Division (AAD).*

C. Estimated Upgrade Time

Below are approximate upgrade times for the Windows Operating Systems supported by PassPort ServicePak R06.02.16.

- **Windows 98** : 18 minutes
- **Windows NT**: 14 minutes

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